

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041322\
 Data File : VW025505.D
 Acq On : 13 Apr 2022 20:40
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005375

Quant Time: Apr 14 03:14:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 14 03:09:10 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	116955	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	117378	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60867	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	61954	5.698	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	114.000%	
7) Chloroethane-d5	1.571	69	53277	4.606	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.200%	
11) 1,1-Dichloroethene-d2	2.114	63	118434	5.437	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	108.800%	
20) 2-Butanone-d5	3.905	46	69863	52.821	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.640%	
24) Chloroform-d	4.352	84	85563	5.207	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.200%	
26) 1,2-Dichloroethane-d4	5.034	65	38049	5.374	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.400%	
32) Benzene-d6	5.053	84	172715	5.086	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.800%	
36) 1,2-Dichloropropane-d6	6.072	67	48515	5.122	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.400%	
41) Toluene-d8	7.317	98	160860	5.104	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.000%	
43) trans-1,3-Dichloroprop...	7.625	79	14743	4.631	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.600%	
46) 2-Hexanone-d5	8.092	63	51450	46.048	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	92.100%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	30027	5.018	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	49920	4.892	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	45381	4.295	ug/L	99
3) Chloromethane	1.243	50	66095	5.757	ug/L	99
5) Vinyl chloride	1.314	62	70231	5.414	ug/L	98
6) Bromomethane	1.526	94	42093	4.500	ug/L	99
8) Chloroethane	1.587	64	46565	4.650	ug/L	96
9) Trichlorofluoromethane	1.757	101	89685	4.922	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	40888	3.994	ug/L	97
12) 1,1-Dichloroethene	2.124	96	50785	5.006	ug/L	88
13) Acetone	2.195	43	47882	53.337	ug/L	93
14) Carbon disulfide	2.298	76	111988	4.612	ug/L	98
15) Methyl Acetate	2.446	43	11609	5.818	ug/L	91
16) Methylene chloride	2.510	84	43022	4.374	ug/L	99
17) Methyl tert-butyl Ether	2.774	73	74919	4.773	ug/L	96
18) trans-1,2-Dichloroethene	2.764	96	40147	4.723	ug/L	98
19) 1,1-Dichloroethane	3.195	63	75412	5.238	ug/L	95
21) 2-Butanone	3.989	43	65772	53.021	ug/L	91
22) cis-1,2-Dichloroethene	3.918	96	44906	5.018	ug/L	94
23) Bromochloromethane	4.256	128	18569	4.998	ug/L	94
25) Chloroform	4.378	83	81546	5.366	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	41290	5.149	ug/L	97
29) 1,1,1-Trichloroethane	4.613	97	68636	4.958	ug/L	98
30) Cyclohexane	4.680	56	51825	4.117	ug/L	97
31) Carbon tetrachloride	4.831	117	56022	4.785	ug/L	99
33) Benzene	5.101	78	173442	5.002	ug/L	100
34) Trichloroethene	5.918	95	47863	5.199	ug/L	99
35) Methylcyclohexane	6.134	83	47605	3.241	ug/L	96
37) 1,2-Dichloropropane	6.175	63	39967	4.983	ug/L	99
38) Bromodichloromethane	6.513	83	50438	5.065	ug/L	98
39) cis-1,3-Dichloropropene	7.031	75	47047	4.475	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	166415	51.814	ug/L	96
42) Toluene	7.387	91	178034	4.720	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	37773	4.625	ug/L	96
45) 1,1,2-Trichloroethane	7.841	97	27272	5.077	ug/L	99
47) Tetrachloroethene	7.976	164	28976	4.020	ug/L	94
48) 2-Hexanone	8.140	43	120205	53.704	ug/L	98
49) Dibromochloromethane	8.246	129	28643	4.857	ug/L	94
50) 1,2-Dibromoethane	8.355	107	24548	4.865	ug/L	100
51) Chlorobenzene	8.883	112	112412	4.668	ug/L	96
52) Ethylbenzene	9.011	91	172750	4.295	ug/L	98
53) m,p-Xylene	9.140	106	66044	4.318	ug/L	100
54) o-Xylene	9.542	106	67097	4.517	ug/L	97
55) Styrene	9.561	104	113638	4.704	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	26581	4.953	ug/L	100
59) Bromoform	9.731	173	12388	4.931	ug/L	93
60) Isopropylbenzene	9.931	105	167626	4.449	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	21104	5.264	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	68678	4.088	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	124770	4.122	ug/L	98
64) 1,3-Dichlorobenzene	11.182	146	77966	4.433	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	77242	4.327	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	72657	4.665	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	3769	5.438	ug/L	93
69) 1,3,5-Trichlorobenzene	12.645	180	47404	3.543	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	38483	3.731	ug/L	98
71) Naphthalene	13.500	128	68049	4.497	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	35660	4.175	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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